

10/501575  
DT04 R PCT/PTO 13 JUL 2004

Docket No.: 1333-008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT OPERATIONS

In re Application of:

**Enrico Pieragostini**) Group Art Unit: --

Serial No.: Not Yet Assigned)

Examiner: --

Filed: Concurrently Herewith)

For: **METHOD AND RELEVANT DEVICE FOR REVEALING OBJECTS**

New York, NY 10036  
July 13, 2004

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement is being filed under the provisions of 37

CFR§1.97.

Applied Optics, Optical  
Society of America,  
Washington, US Vol.34, no. 25

Discloses infrared imaging of buried objects by thermal  
step-function excitations.

DE 100 32 698

Cited by the EP Examiner.

US 3,217,550

Discloses geothermal prospecting.

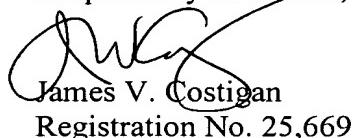
EP 0 825 459

Discloses electrical power cable underground-laying depth  
measuring method.

GB 2,294,604

Discloses thermal imaging using electro-magnetic  
induction.

Respectfully submitted,

  
James V. Costigan  
Registration No. 25,669

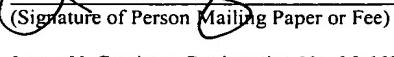
**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**  
"EXPRESS MAIL" MAILING LABEL NO.: EL988371431US

Date of Deposit: July 13, 2004

I hereby certify that this paper or fee is being deposited with  
the United States Postal Service by "Express Mail Post Office  
to Addressee" Service under 37 CFR §1.10 on the date  
indicated above and is addressed to:

Commissioner for Patents

P.O. Box 1450  
Alexandria, VA 22313-1450

  
(Signature of Person Mailing Paper or Fee)

James V. Costigan, Registration No. 25,669  
(Typed or Printed Name of Person Mailing)

HEDMAN & COSTIGAN, P.C.  
1185 Avenue of the Americas  
New York, NY 10036-2646  
(212) 302-8989

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	Not Yet Assigned
Filing Date	Currently Herewith
First Named Inventor	Enrico Pieragostini
Art Unit	--
Examiner Name	--

Attorney Docket Number 1333-008

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA	US-	3,217,550	11/16/1965	Joseph Birman	
AB	US-				
AC	US-				
AD	US-				
AE	US-				
AF	US-				
AG	US-				
AH	US-				
AI	US-				
AJ	US-				
AK	US-				
AL	US-				
AM	US-				
AN	US-				
AO	US-				
AP	US-				
AQ	US-				
AR	US-				
AS	US-				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
AT	DE 100 32 698		1/17/2002	Schrodt Stephan		
AU	EP 0 825 459		2/25/1998	Sumitomo Electric		
AV	GB 2 294 604		5/1/1996	Marconi Gec Ltd.		
AW						
AX						
AY						

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

2

of

2

*Complete if Known*

10/501575

Application Number	Not Yet Assigned
Filing Date	Currently Herewith
First Named Inventor	Enrico Pieragostini
Group Art Unit	--
Examiner Name	--

Attorney Docket Number 1333-008

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AA	LI P et al: "Infrared Imaging Of Buried Objects BY Thermal Step-Function Excitations" Applied Optics, Optical Society of America, Washington, US vol.34, No. 25, Sept. 1, 1993	
	BB		
	CC		
	DD		
	EE		
	FF		
	GG		
	HH		
	II		
	LL		
	OO		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.